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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/667,852

09/22/2003

Bruce Wallman

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EXAMINER

TOLENTINO, RODERICK

ART UNIT

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/667,852	<b>Applicant(s)</b> WALLMAN, BRUCE	
	<b>Examiner</b> Roderick Tolentino	<b>Art Unit</b> 2134	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 22 May 2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. Claims 1 – 16 are pending.

### ***Response to Arguments***

2. Applicant's arguments filed 5/22/2008 have been considered and are deemed not persuasive. Applicant argues that Sasmazel in combination with Limisco fail to disclose, teach or even suggest "wherein in the physical security system compares the IP address of a received message with reference IP address for the user," with regards to claims 3 and 7. Examiner respectfully disagrees. Sasmazel teaches wherein the physical security system compares the IP address of a received message with the reference IP address for the user (Sasmazel, Claim 4, IP Address used as authentication information). Further claims 1 and 2 of Sasmazel further describe how the IP address is compared by Sasmazel. An IP address is converted with other information creating an electronic ticket. The electronic ticket is later checked for validity. One of ordinary skill in the art would know that when validating the ticket would have a reference value, and if there is any change in ticket value from the reference value then the ticket will not be validated. This includes the IP address, if the address is altered or wrong the ticket will not be validated and the user will not be granted access.
3. Further applicant claims that Sasmazel teaches away from the invention, with regards to claim 1. Examiner respectfully disagrees. Sasmazel's authentication server has the same function as described by the claim language of claim 1. The use of the eticket is used to authenticate the user shown in Claims 1, 2 and 4.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically taught or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1 – 4 and 6 – 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sasmazel et al. U.S. Patent No. (6,725,376) in view of Limisco U.S. Patent No. (6,662,228).

6. As per claims 1, Sasmazel teaches a logical security system for processing login and password data received from a client device during a server session in order to authenticate a user (Sasmazel, Col. 8 Lines 21 – 30, user authentication with user id and password) and a physical security system for processing Internet protocol (IP) address information of the client device in order to authenticate the client device for the duration of the server session (Sasmazel, Claims 1 and 4, IP Address used as authentication information) but fails to teach the use of an internet server. However, in an analogous art Limisco teaches use of an internet server (Limisco, Col. 4 Lines 18 – 25, remote authentication by way of a server).

At the time the invention was made, it would have been obvious to use Limisco's Internet server authentication with Sasmazel's method of using electronic ticket and distributed server because it offers the advantage of securely transferring authorization data (Limisco, Col. 1 Lines 61 – 67).

7. As per claim 2 Sasmazel teaches a memory system for storing a list of each logged in user and a reference IP address collected during a login procedure (Sasmazel, Claim 4, IP Address used as authentication information).
8. As per claim 3, Sasmazel teaches wherein the physical security system compares the IP address of a received message with the reference IP address for the user (Sasmazel, Claim 4, IP Address used as authentication information).
9. As per claim 4, Sasmzael teaches wherein the physical security system terminates the session for the user if the IP address obtained from the received message does not match the reference IP address for the logged in user (Col. 9 Lines 29 – 35, rejection from web server).
10. As per claim 6, Sasmazel teaches the physical security system includes a proxy server module for comparing a portion of an IP address obtained from a received message against a like portion of the reference IP address for the logged in user (Sasmazel, Col. 9 Lines 9 – 15, checks validity of eticket).
11. As per claim 7, Sasmazel teaches storing in a memory system a reference Internet protocol (IP) address and associated login data whenever a new server session is initiated on the server from a client device (Sasmazel, Col. 7 Lines 59 – 67, Obtains IP address of user), receiving a message from a requesting user; obtaining login data accompanying the message, obtaining an IP address from a message header in the message, determining if the login data of the requesting user is currently listed in the memory system as an existing session with the server; and if the login data of the requesting user is currently listed, determining if the IP address from the received

Art Unit: 2134

message matches the reference IP address associated with the login data of the requesting user (Sasmazel, Claims 1 and 4, IP Address used as authentication information) but fails to teach the use of an internet server. However, in an analogous art Limisco teaches use of an internet server (Limisco, Col. 4 Lines 18 – 25, remote authentication by way of a server).

At the time the invention was made, it would have been obvious to use Limisco's Internet server authentication with Sasmazel's method of using electronic ticket and distributed server because it offers the advantage of securely transferring authorization data (Limisco, Col. 1 Lines 61 – 67).

12. As per claim 8, Sasmazel teaches initiating a login procedure if the login data of the requesting user is not currently listed in the memory system (Sasmazel, Col. 8 Lines 21 – 30, initiating by obtaining user authentication with user id and password).

13. As per claim 9, Sasmazel teaches the further step of terminating all server sessions listed in the memory system having the login data of the requesting user if the IP address from the obtained message does not match the reference IP address (Col. 9 Lines 29 – 35, rejection from web server).

14. As per claim 10, Sasmazel teaches examining a portion of the IP address of the requesting user; and determining if the portion matches a like portion of the reference IP address (Sasmazel, Col. 9 Lines 9 – 15, checks validity of eticket).

15. Claims 11 – 14 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sasmazel et al. U.S. Patent No. (6,725,376) in view of Limisco U.S. Patent No. (6,662,228) and Clark et al. U.S. Patent No. (6,442,588).

16. As per claims 11, Sasmazel teaches a logical security system for processing login and password data received from a client device during a server session in order to authenticate a user (Sasmazel, Col. 8 Lines 21 – 30, user authentication with user id and password) and a physical security system for processing Internet protocol (IP) address information of the client device in order to authenticate the client device for the duration of the server session (Sasmazel, Claims 1 and 4, IP Address used as authentication information) but fails to teach the use of an internet server and to authenticate the client device during the server session by comparing the IP address of a received message against the list of IP addresses stored by the server. However, in an analogous art Limisco teaches use of an internet server (Limisco, Col. 4 Lines 18 – 25, remote authentication by way of a server) and Clark teaches to authenticate the client device during the server session by comparing the IP address of a received message against the list of IP addresses stored by the server (Clark, Claim 1, comparing IP address to list of authenticated IP addresses).

At the time the invention was made, it would have been obvious to use Limisco's Internet server authentication with Sasmazel's method of using electronic ticket and distributed server because it offers the advantage of securely transferring authorization data (Limisco, Col. 1 Lines 61 – 67).

At the time the invention was made, it would have been obvious to use Clark's method of administering a dynamic filtering firewall with Sasmazel's method of using electronic ticket and distributed server because it offers the advantage of preventing unauthorized access (Clark, Col. 1 Lines 6 – 12).

17. As per claim 12, Sasmazel teaches a memory system for storing a list of each logged in user and a respective reference IP address collected during a login procedure (Sasmazel, Col. 2 Lines 33 – 40, storage devices for user tickets).

18. As per claim 13, Sasmazel teaches the means for processing IP address information compares a login name and IP address of a received message against the list of logged in users and their respective reference IP addresses (Sasmazel, Col. 9 Lines 9 – 15, checks validity of eticket, which contains user id password and IP address).

19. As per claim 14, Sasmazel teaches the means for processing IP address information terminates the session for the user if the IP address obtained from the received message does not match the reference IP address for the logged in user stored in the list (Col. 9 Lines 29 – 35, rejection from web server).

20. As per claim 16, Sasmazel teaches the means for processing IP address information includes a proxy server module for comparing a portion of an IP address obtained from a received message against a like portion of the reference IP address for the logged in user (Sasmazel, Col. 9 Lines 9 – 15, checks validity of eticket).



21. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sasmazel et al. U.S. Patent No. (6,725,376) and Limisco U.S. Patent No. (6,662,228) and in further view of Muratov et al. U.S PG-Publication No. (2003/0097596).

22. As per claim 5, Sasmazel teaches comparing IP addresses thru comparing authentication information transmitted and checking to see if the information including IP addresses match (Sasmazel, Col. 9 Lines 9 – 15, checks validity of eticket), but fails to teach deleting all instances of the logged in user. However, in an analogous art Muratov teaches deleting all instances of the logged in user (Muratov, Paragraph 0015).

At the time the invention was made, it would have been obvious to use Muratov's system for protecting data with Sasmazel's method of using electronic ticket and distributed server because it offers the advantage of protecting data from unauthorized access (Muratov, Paragraph 0017).

23. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sasmazel et al. U.S. Patent No. (6,725,376), Limisco U.S. Patent No. (6,662,228) and Clark et al. U.S. Patent No. (6,442,588), and in further view of Muratov et al. U.S PG-Publication No. (2003/0097596).

24. As per claim 15, Sasmazel teaches comparing IP addresses thru comparing authentication information transmitted and checking to see if the information including IP addresses match (Sasmazel, Col. 9 Lines 9 – 15, checks validity of eticket), but fails to teach deleting all instances of the logged in user. However, in an analogous art Muratov teaches deleting all instances of the logged in user (Muratov, Paragraph 0015).

At the time the invention was made, it would have been obvious to use Muratov's system for protecting data with Sasmazel's method of using electronic ticket and distributed server because it offers the advantage of protecting data from unauthorized access (Muratov, Paragraph 0017).

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Roderick Tolentino whose telephone number is (571) 272-2661. The examiner can normally be reached on Monday - Friday 9am to 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on (571) 272-3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2134

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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